

DERWENT-ACC-NO: 1995-239102

DERWENT-WEEK: 199531

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TITLE: Collector for road sweeping machine - has composite
apron made from interconnected parts with movable guide
part

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PATENT-ASSIGNEE: STROIKOMMASH RES PRODN ASSOC[STROR]

PRIORITY-DATA: 1991SU-4941539 (June 3, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2025555 C1	December 30, 1994	N/A	003	E01H 001/08

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2025555C1	N/A	1991SU-4941539	June 3, 1991

INT-CL (IPC): E01H001/08

ABSTRACTED-PUB-NO: RU 2025555C

BASIC-ABSTRACT:

The collector has pipeline (1) with injection nozzle (2), housing (3) and suction nozzle (4). An apron consisting of guide part (6) installed on plate (5) with the capacity for free movement, is hinged to the lower part of nozzle (4). Bottom (9) of nozzle (4) has a wavy shape with holes (10) at the apexes of the waves.

Air is fed by a fan through the pipeline into nozzle (2). The air stream carries litter from the road surface into the zone of nozzle (4). The litter hits part (6), change trajectory and passes through nozzle (4) into a hopper.

The wavy bottom of nozzle (4) reduces friction and increases the speed of the air stream.

ADVANTAGE - Effectiveness of operation is improved at reduced energy consumption, especially on uneven road surfaces. Bul.24/30.12.94

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: COLLECT ROAD SWEEP MACHINE COMPOSITE APRON MADE
INTERCONNECT PART
MOVE GUIDE PART

DERWENT-CLASS: Q41

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1995-186355

